

2700

2700

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	<i>Topographic</i>
Field No.	<i>2700</i>
LOCALITY	
State	<i>Virginia</i>
General locality	<i>Osoquian</i>
Locality	<i>Bay & Belmont</i>
	<i>Bay</i>
	<u>1904</u>
CHIEF OF PARTY	
LIBRARY & ARCHIVES	
DATE	

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2700
1904-5

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

O. H. Litzmann

Superintendent.

State: *Va*

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES.

JUL 10 1905

Acc. No.

DESCRIPTIVE REPORT.

Topo

Sheet No. *2700*

LOCALITY:

Potomac River - W. Shore

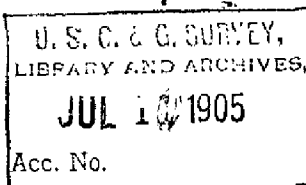
Neapsico Creek to

Gunston Creek

1904-5

CHIEF OF PARTY:

"S. Forney, Asst"



U. S. C. & G. Survey
C. H. Littmann Superintendent
Descriptive Report
Topographical Sheet
Sheet

Resurvey of the Potomac River
Neoprice Creek to Accotink Creek T^h.
1904. 5

Scale 1/20,000

This Sheet represents the re-survey of the Potomac River. The line and interior country - roads and other - topographical detail. The shore line of the river was changed slightly, in Gunston Cove High Point - Belmont Bay and Occoquan Bay, and at the mouth of Powell's Creek since the last survey was made. The bluff line from Gunston Cove to High Point - thence to Sandy Point - has been added landward in many places to the extent of 60 feet.

The contours are shown for every 20 feet - difference of level from mean high water

Department of Commerce and Labor

on the Potomac River, the plane of reference. The auxiliary lines are indicated by broken red lines. The heights are given in feet and show the elevation above the plane of reference.

The interior topography was carried back from the shore line to the high land overlooking the river. The shore line and interior topography was carried up Occoquan Creek to the town of Occoquan head of navigation. Roads passing through the timber were run with Plane Table traverses from triangulation stations and well determined Plane Table stations on the river shore. The heights were carried along by vertical angles from the plane of reference. Heights and traverse lines were checked at every opportunity on triangulation signals and well determined Plane Table points.

In the dense timber where it was impracticable to run Plane Table traverses, the contours were sketched from Plane Table stations on the roads. Flags in trees on the summits of the hills were determined from stations on the shore. Their heights were also determined above the plane of reference. Also the heights of the flags in the trees above the ground were measured with

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a steel tape when they were put up in the trees. The base of the hills were also determined in position and height, and the contours sketched in between.

The interior country from Gunston Cove to Mopier Creek along the river is farming and dairy land. While the hills back are covered with dense timber, Occoquan is very old sheepy town of about four hundred inhabitants.

Colten M^{rs}

July 5th 1905

Respectfully Submitted

Stephen J. Forney

Ant^l C. S. H. Hays,

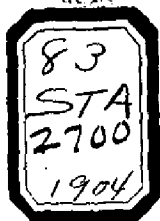
Topographical Signals, . . . Potomac River

Approximate Geographical Positions
Scaled from Original Plane Table Sheet
Acoguan Creek to Accotink Creek 741

Station	Longitude	Meters	Latitude	Meters
Acoguan Creek.				
Chestnut ✓	77. 14	1082.0	38. 40	538.0
Gulch ✓	77. 14	1230.0	38. 40	639.0
Landing ✓	77. 14	1034.0	38. 40	674.0
Ridge ✓	77. 14	1228.0	38. 40	744.0
Quick ✓	77. 15	181.0	38. 40	828.0
Point	77. 15	56.0	38. 40	960.0
Syke	77. 15	292.0	38. 40	1291.0
Leaf ✓	77. 15	164.0	38. 40	1380.0
Rocky Point ✓	77. 15	378.0	38. 40	1630.0
Fairy ✓	77. 15	538.0	38. 40	1610.0
Gudgen ✓	77. 15	535.0	38. 40	1842.0
Bark ✓	77. 15	796.0	38. 41	08.0
Fair ✓	77. 15	735.0	38. 41	110.0
Rock ✓	77. 15	834.0	38. 41	154.0
• Chimney				
Main House,	77. 15	1024,	38. 41	110.0 ?
• Red Chimney	77. 15	1156,	38. 40	1470.0
Pentagon. Barn	77. 15	755,	38. 40	1463.0
Creek gully. Fairy Land ✓				
House,	77. 15	566,	38. 40	1303,
High telegraph pole	77. 15	988,	38. 40	140,
Iron Mill. Acoguan				
Burnt Chimney	77. 15	1024,	38. 40	292,

Station	Longitude	Metes	Latitude	Metes
Telegraph pole on top of 2nd RR Bridge ✓	77. 14	580	38. 40	196
Deep Rock ✓	77. 12	786	38. 34	478
Up River House ✓	77. 11	760	38. 35	30
New House ✓	77. 11	509	38. 35	757
Gold small House Red roof ✓	77. 11	509	38. 35	757
Black Spr. Bay ✓	77. 12	258	38. 35	1026
" " " ✓	77. 13	420	38. 34	853
" " " ✓	77. 14	86	38. 33	1364
Metanoman	77. 14	262	38. 33	283
Nestle Nuk ¹⁴ ✓	77. 15	541	38. 36	292
Gable top of Nuk? ✓	77. 15	472	38. 36	1249?
Mapico ✓	77. 14	1339	38. 36	619
Inan ✓	77. 14	1099	38. 38	319
Topry. Nuk ✓	77. 15	447	38. 38	1543?
Deep ✓	77. 13	1018	38. 38	496
Taylor Point ✓	77. 13	684	38. 38	1327
Nest Gable Barn ✓	77. 14	88	38. 39	51
Red flag on Pile. 1 ✓	77. 13	461	38. 38	1481
" " " " 2 ✓	77. 13	365	38. 38	1229
" " " " 3 ✓	77. 13	245	38. 38	909
Bluff ✓	77. 12	1066	38. 39	727
Creek ✓	77. 11	952	38. 39	243
Bel ✓	77. 11	1346	38. 38	1333
Sandy Point ✓	77. 12	1418	38. 38	457

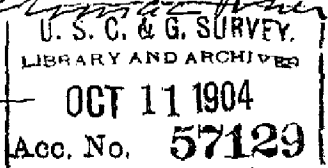
Station	Longitude	Meters	Latitude	Meters
White flag on Clad Head. ✓	77. 13	275	38. 38	263
Stony fish trap ✓	77. 13	500	38. 37	1489
Up creek corner of Sandy Point Wharf ✓	77. 13. 29	1233	38. 37	1705
Water tank on Sandy Point House ✓	77. 12	1096	38. 37	1776
Bend. Liquid ✓	77. 13	1019	38. 39	290
Occo " ✓	77. 14	52	38. 39	740
Mainmast - of wrecked Schooner ✓	77. 14	156	38. 39	986
Woodbridge, Liquid ✓	77. 14	634	38. 39	1791
Bridge " ✓	77. 14	612	38. 40	178
Stretch ✓	77. 14	92	38. 39	1491
Mark ✓	77. 13	1243	38. 39	1270
Belmont Bay Branch ✓	77. 13 n 1/4	707	38. 39	847
River Gable Small Barn ✓	77. 15	564	38. 38	1500
Spire of Church Woodbridge ✓	77. 15	90	38. 39	930
River Gable Red Barn ✓	77. 14	989	38. 39	1307
Creek Chimney ✓	77. 14	808	38. 39	1742
White House Woodbridge ✓	77. 14	155	38. 40	280
South Gable near House Collector ✓	77. 14	1192	38. 39	1170
South Gable Old Barn ✓	77. 12			
Colton Mts. Peterson Home July 5, 1905 Ant. C. St. Henry, Chief of Party				



Department of Commerce and Labor

Coast and Geodetic Survey,
O. H. Tittmann Superintendent;

Re Survey of the Potomac River
Duplicate.



Description of Topographic Signals,

Determined by

Plane Table Triangulation,

Oceanan Bay and River
and

Belmont Bay.

Virginia

1904

Surveyed by

William H. H. H.

Asst. C. H. Survey

Duplicate

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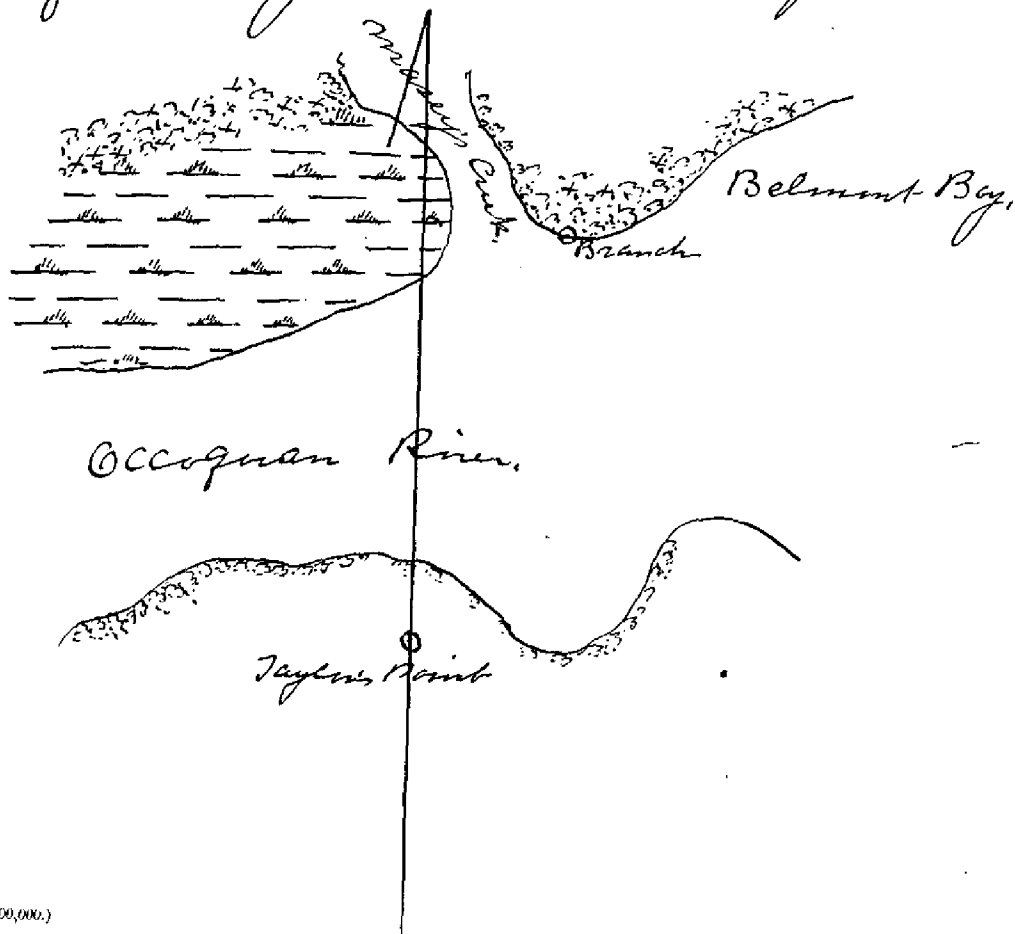
Department of Commerce and Labor

Ocoquan River V4

Taylor's Point: Ferry Signal, Prince Wm County, V4

September 2nd 1904

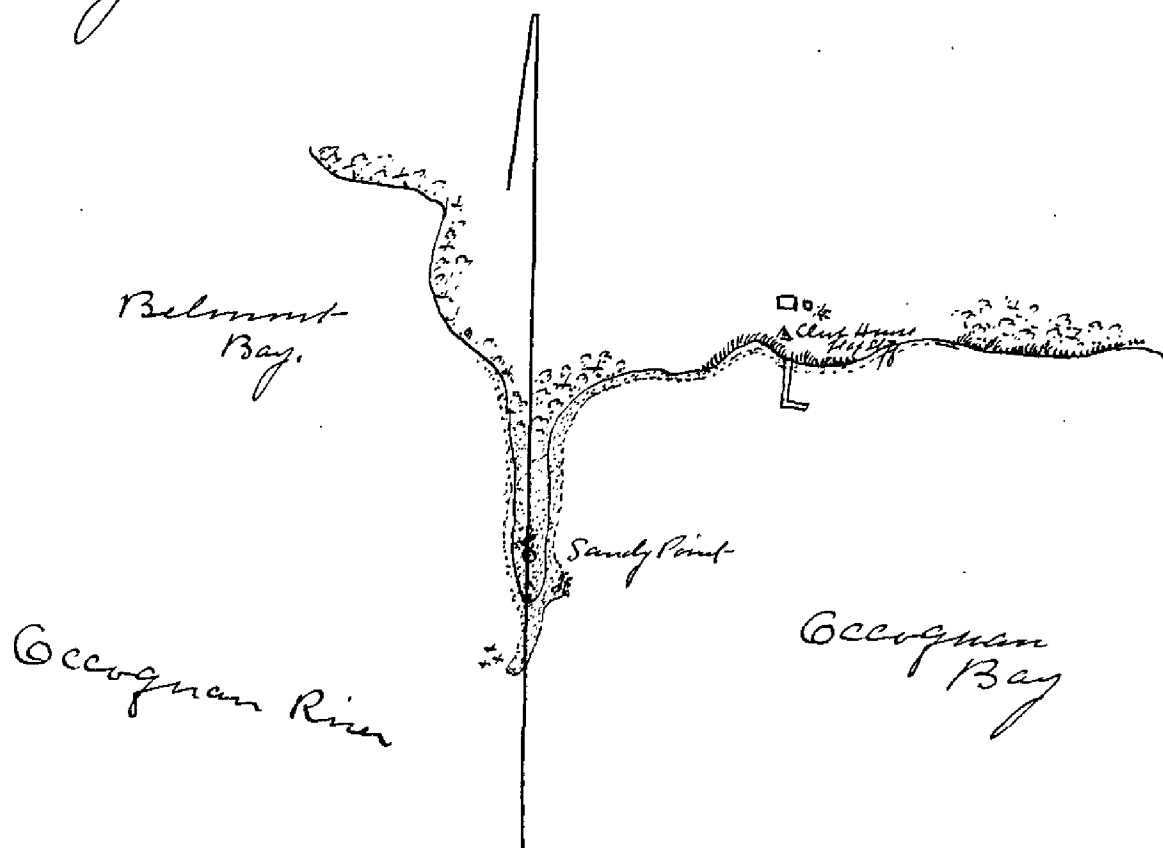
This signal is located on the South Shore of Ocoquan River inside the entrance on what is known as Taylor's Point; about 20 metres inside of H. W. Mark in an open field. Station is marked with a pycnometer stub 4 feet long 2" diameter driven 3 feet into the ground. The stub has an eight-penny nail driven into its top. Signal pole is 16 feet long 2x3 with two white bungs. Supported by three braces and staves. Pole is nailed to this stub. The usual notice of warning was tacked to the signal.



Duplicate,
Department of Commerce and Labor
Occoquan River V⁹.

"Sandy Point" "Foggy" Signal, Fairfax County, V⁹.
September 3^d, 1904

This signal is located on the extreme end of a Sandy Point, North Shore of the Occoquan River at the entrance to Belmont Bay and Occoquan River, and is known as "Sandy Point" Signal is about 450 metres West of Club House flag Staff, and Wharf. Station is marked with an Ash Stake 4 feet long 3" diameter, driven into the ground 3 feet. Stake has a nail driven in to its top. Signal is comprised of a Pine pole 2" x 3" x 16 feet long, nailed to the stake and supported by 3 braces and Stakes. Signal has three white bangles, and the usual notice of warning is tacked to the pole.



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Department of Commerce and Labor

Belmont Bay V²

"Bel Topping" Signal, Fairfax County V²
September 17th 1904

This station is located on the Eastern shore of Belmont Bay near the mouth of Kanes Creek. Center is marked by a Pine Stake 3 in diameter driven into the ground, about three feet above low water mark and about 160 meters from the point of bluff near a small fish shanty. A willow tree was blazed right behind the signal, a small pointed cedar is about 30 yards below the signal.

Signal is comprised of a Pine pole 2' x 3' x 16 feet long, nailed to the stake, and supported by three stakes with stokes. Signal has two white buoys and the usual notice of warning.

Creek.

Belmont Bay.

Small Pointed Cedar.
Small Shanty

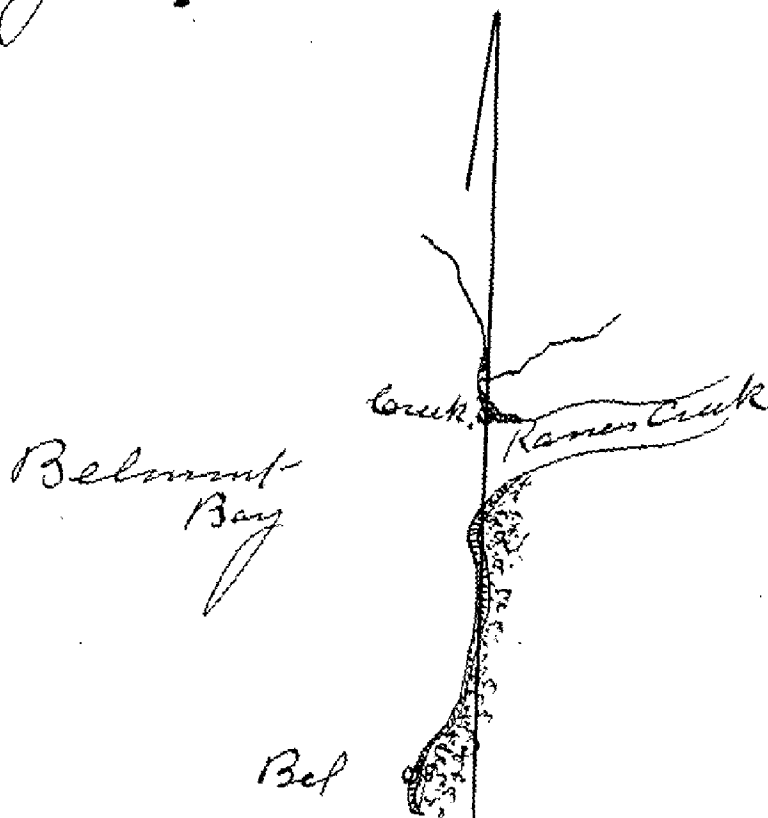
Sandy Point.

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Department of Commerce and Labor

Belmont Bay F⁴

Creek, Tropic Signal, Fairfax County, F⁴
September 17th 1904

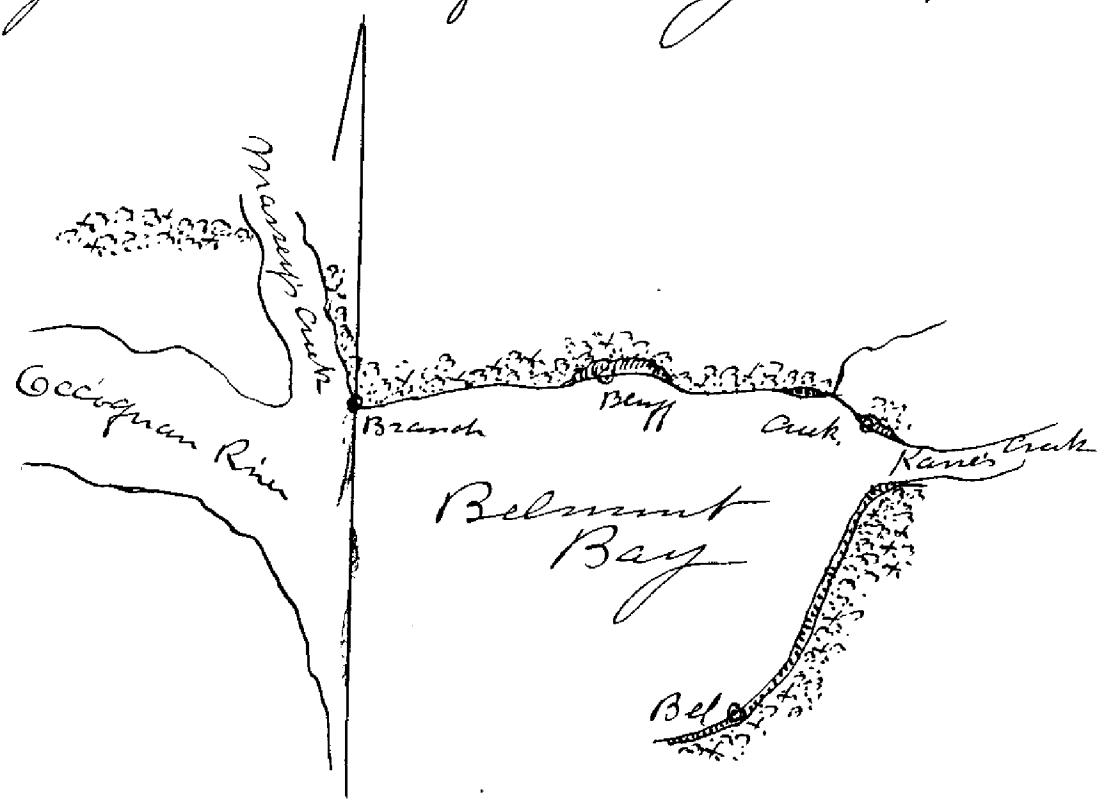
Station is marked by an Ash Stake 14 in diameter driven into the ground, a little outside of H. W. Mark on the S.E. Shore of Bay and about 14 meters from the foot of a bluff, on the point between the Small Creek and Kames Creek (on the front side coming in to the ^{Harbor} Creek and in half way between a Capstan and in heading line and a rock used for drying nets, a Cycamore tree was blazed just behind the Signal, Signal is comprised of a Pine Pole 2" x 3" x 16 feet long supported by three braces and stones, Pole is nailed to the other which has a nail in its top, Pole has two white bangles and the usual notice of warning on it.



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Belmont Bay Va.
Bluff, Topog. Signal Station Point Va.
September 17th 1904

The station is marked by a pine stake 3" diam^o driven in to the ground and has a line nail in its top. Signal is located on the North Shore of Belmont Bay, about 1/4 of a mile up the Bay from the Point marking the entrance on the North Shore. The signal is about 60 yards West of a bare spot in the bluff which is a place used as a wood landing. Just West of the signal is the root of an old tree about 2 metres distant. East of the signal is a larger root than the first one 8 metres distant. Signal is comprised of a Pine Pole 2"x3"x16 feet long nailed to the stake and supported by three braces with stakes. Pole has two white burlaps and notice of hoisting on it.



Certificate,
 Department of Commerce and Labor

Belmont Bay T⁴

Branch Topog^o Signal Harbor Count, T⁴

September 17th 1904

This signal is marked by the stump of an old
 tree lamed off about 2 feet from the ground,
 the stump is 5 in diameter and has a nail
 driven into it; and is located on the East-
 Shore of Occoquan Bay River on a point
 marking the Entrance to Belmont Bay and
 Massie's Creek, just behind the signal is a
 rock used for drying nets, the tree lamed
 off is just about at H. M. Mark, the Point
 is the last one on this side of the Bay from which
 Blue signal can be seen, signal is comprised
 of a Pine pole 2" x 3" x 16 feet long nailed to
 the stump and supported by three braces
 and stays. Pole has a white binnacle above a
 white flag and the usual notice of warning.
 For sketch of locality see page 5

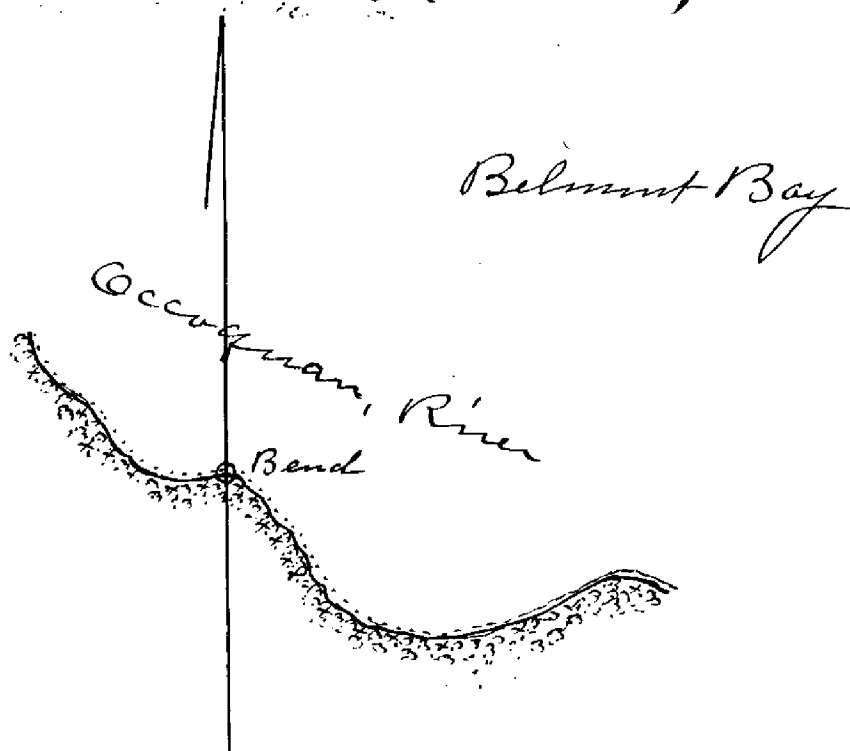
Inspected
Department of Commerce and Labor

Oceguan River V⁴

Bend Topog Signal, Prince Wm County V⁴

September 22nd 1904

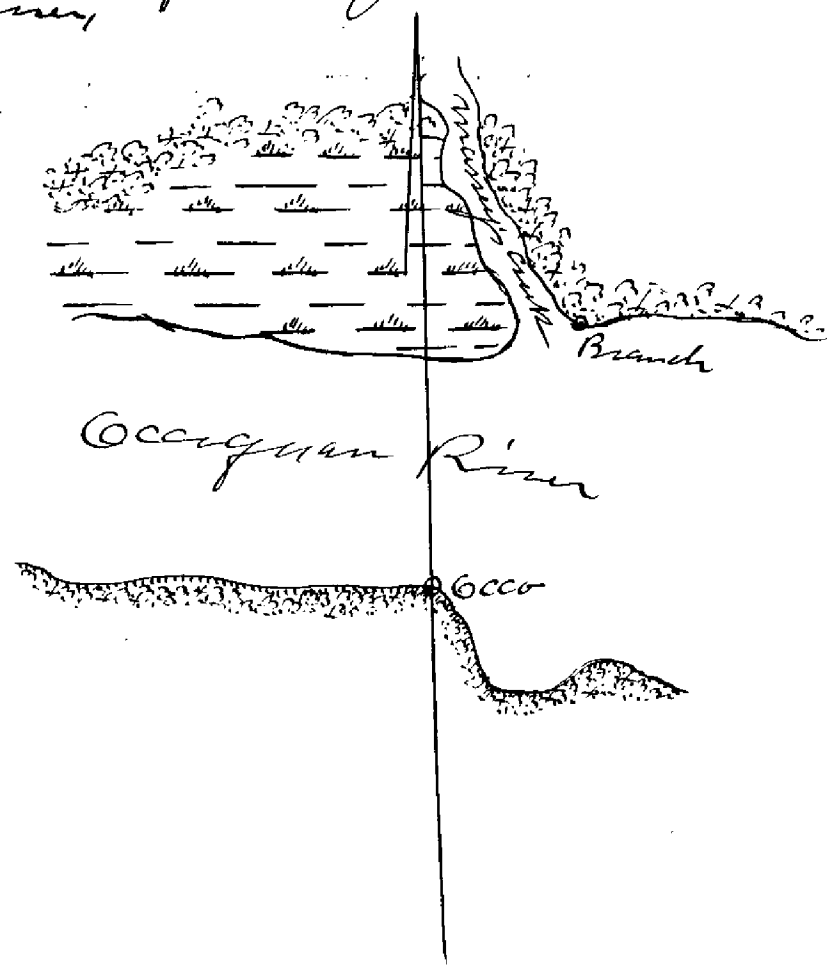
This signal is located on the South Shore
of Oceguan River, at high water mark
on a sand beach, and is the first signal
up river from Taylor's Point signal on
same side of River, is marked with a wooden
stake 2 in diameter five feet long driven
into the ground about 18 in, stake has a
nail driven into its top. Signal is con-
nected by a Pine pole 2" x 3" x 16 feet long
nailed to the stake and supported by three
traces with cross ties and stakes, pole
has a white flag and red barge, and
the signal notice of morning is tacked to it,
Top of pole is 16 feet above H.W. Mark,



Duplicate,
Department of Commerce and Labor
Occoquan River 1904

"Occo Tofuy" Signal, South Side Occoquan River
Prince Georges County 72, Sept. 22, 1904

This Station is located at high water mark
on a gravel beach and is marked by a nut-wood stake
with nail in its top, driven into the ground about
two feet. Signal is comprised of a pine pole 16 feet
long 2" x 3". Supported by three braces, cross ties
and stakes and is nailed to the stake. Pole has
a white flag and white bunting and the usual
notice of warning tacked to it. Top of pole is 16 feet
above high water mark. This signal is the
2nd one up river from Tofuy Point, on the same
side of the river.

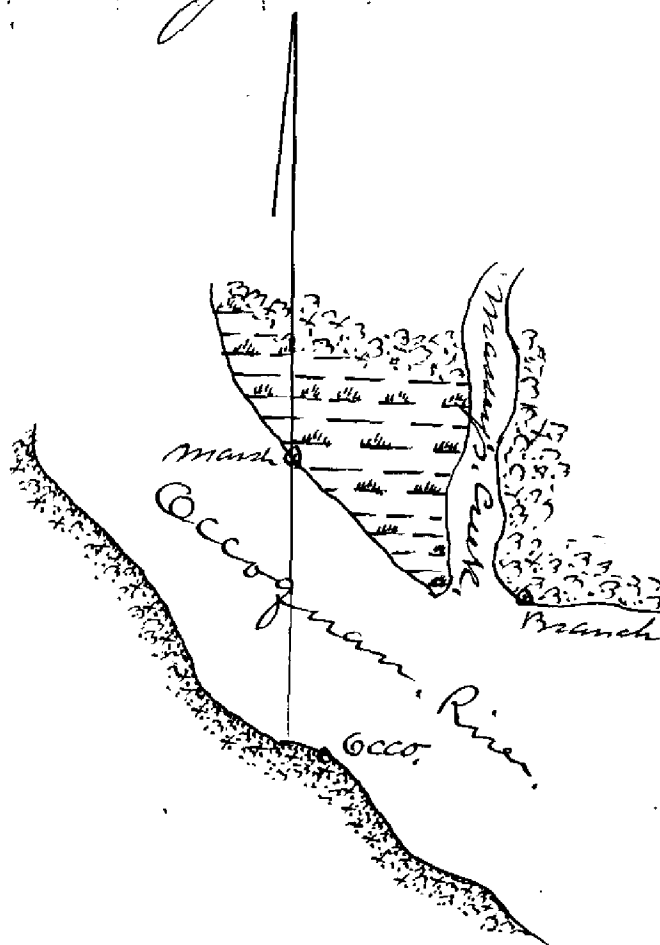


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Duplicata
 Department of Commerce and Labor
 Occoquan River V4

Marsh, Twp. Signal, South Shore Occoquan River
 Fairfax County, Va. September 22, 1904

This signal is located at the edge of the Marsh along
 the mouth of Massey's Creek and is the first Signal
 up River from Branch Signal on the Fairfax Side.
 An Ash Stake was driven into the ground with
 a nail in its top. Signal pole was nailed to this Stake
 and is supported by three braces with cross ties
 and stakes. Pole is 16 feet above high water mark
 and has a red flag on top of a red binnacle. The
 usual notice of warning was tacked to the pole.



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Department of Commerce and Labor

Occoquan River,

"Woodbridge" Towing Signal. Prince Georges County, Va.
September 22, 1904

This signal is located on the South Shore of the Occoquan River about 80 yards down river from the Rail Road bridge and near High Water mark at a fishermen's boat-landing where all of the fish that are shipped from Woodbridge R.R. Station are landed. A willow stub 4 in diameter & 4 feet long was driven about two feet into the ground to which the signal pole was nailed. The stub has a nail in its top. Signal is comprised of a pine pole 2" x 3" x 16 feet long supported by three braces with cross ties and stakes. Signal has a red flag & white bunting. The usual notice of warning was tacked to the pole. Top of pole above High Water = 17 feet.

For sketch of locality - see page 10

Certificate

Department of Commerce and Labor

Oceguera River V4

North Shore of Oceguera River V4

Hainan County, V4 September 22nd 1904

Bridge, Towing Signal. This signal is located at the base of the R.R. Stone bridge Pier on the Hainan shore of the River. A square hole was chipped out of the rock 5' x 3' x 2' deep into which the foot of signal pole was stepped. Pole is of Pine 2' x 3' x 16 feet long supported by 4 braces with cross ties and has a red flag and White Lorange on its top. The usual notice of warning was tacked to the pole. Top of signal pole is 18 feet above High Water Mark.

For Sketch of Locality see page 10

Duplicate

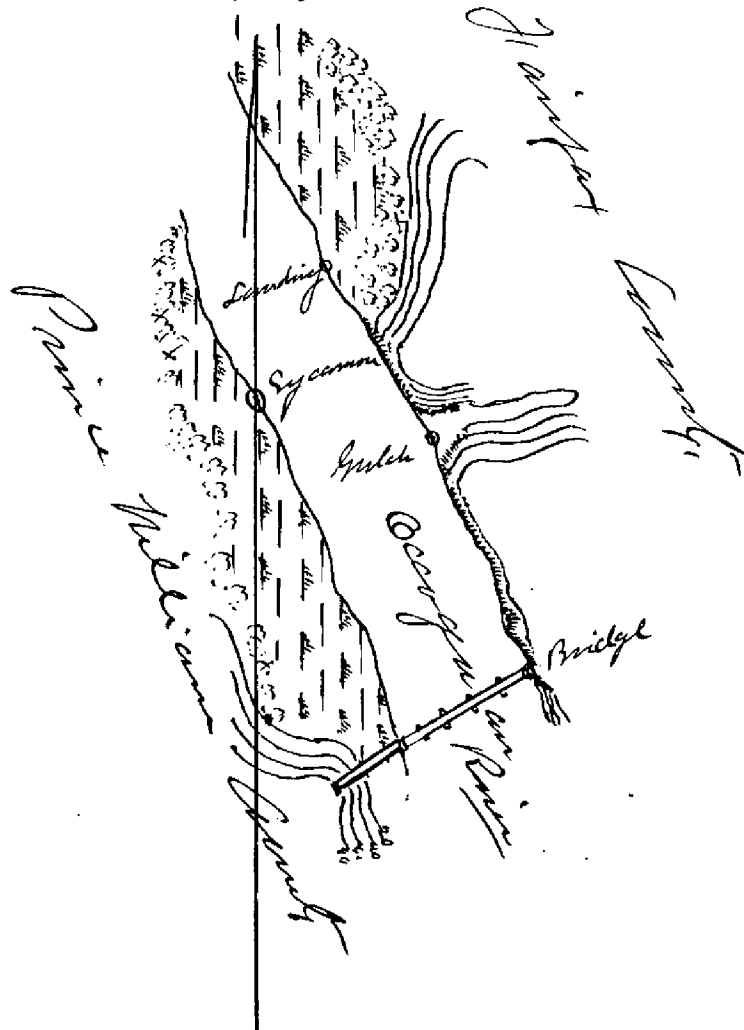
Department of Commerce and Labor

Ocoogan River V⁴

"Sycamore" Signal, Prince William, V⁴

September 23^d, 1904

This signal is located at edge of marsh Point about 500 meters up River from the Rail Road Bridge. A small Sycamore tree $2\frac{1}{2}$ in diameter was sawed off $2\frac{1}{2}$ feet from the ground. A nail was driven in to top of stump of tree that marks the center of station. A Pine Pole $2\frac{1}{2} \times 3 \times 16$ feet long was nailed to this stump and supported by 3 braces with cross ties and stakes. The pole has a white flag above a white lounge, and the usual notice of warning was tacked to the stump. Top of pole is 16 feet above high water mark.



Duplicate

Department of Commerce and Labor

Oceguera River T⁹

"Landing" T⁹ Signal, North Shore Oceguera River
Hainey Camp T⁹, September 23^d 1904

This signal is located on a strip of marsh near the foot of a bluff about 25 meters up River from an old boat landing and about 500 meters up river from the Rail Road bridge. The station is marked with an ash stub 3" in diameter and 4 feet long, driven in to the mud about 2 feet. It has a nail in its top which marks center of station. A Pine pole 2" x 3" x 16 feet long is nailed to this stub and supported by three braces, cross ties and struts. The pole has a white binnacle above a white flag. The usual notice of hoisting is attached to the struts. Top of signal pole is 16 feet above high water mark.
For sketch of locality see page 13

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Department of Commerce and Labor

Oceoguan River Va.

"Gulch" Taper signal. North Shore Oceoguan River Va.
Hainey County Va. September 23^d 1904

i. signal is located at the mouth of a deep gulch that reaches in from the shore about 300 metres up River from the Rail Road bridge, and stands on marshy ground. In the foot of the signal there are a pair of steps leading up over a high bluff that connects with a path leading to Colechester a Rail Road Station, An Ash stake about 4 feet long and 3 in diameter was driven into the wood about 12 feet, a pine pole 16 feet long 2x3 was nailed to this stake and supported by 3 braces with cross ties and stakes. The stake has a nail in its top which marks center of station. The second notice of warning was tacked to the stake, Top of signal pole is 16 feet above the mark, signal has a white lantern on its top.

For sketch of locality - see page 13

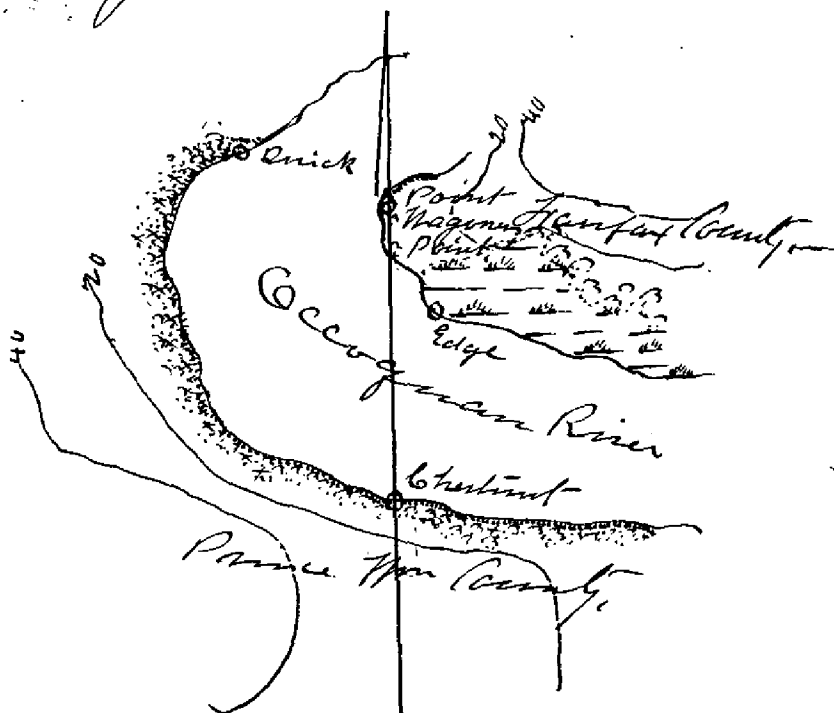
Duplicate,

Department of Commerce and Labor

Occoquan River V⁴"Chestnut" Topog^o Signal, Prince Wm County, V⁴September 23^d 1904

This signal is located on the South Shore of Occoquan River on a bluff about 15 feet high and about 3 metres down river from a large Chestnut Oak.

A box Oak Stub 3" diam^o was driven into the ground about 18" in. This stub has a nail in its top that marks the center of station. A Pine pole 2" x 3" x 8 feet long was nailed to this station stub. This pole has a white binnacle on it; and the usual notice of measuring was tacked to it. Top of pole above the ground = 18 feet.



Duplicate,
Department of Commerce and Labor

Oceoguen River V^g

"Edge" Topog Signal, North Shore Oceoguan River V^g
Fairfax County, September 23^d 1904

This signal is located at the Edge of a line of Marsh,
and is the first signal up river on the Fairfax Shore
from Landing Signal, A Red Oak Stake $4\frac{1}{2}$ feet
long 4 in diameter, was driven in to the mud about
3 feet. This Stake has a nail in its top which marks
Center of Station. A Pine pole $2 \times 3 \times 16$ feet long was
nailed to the Stake and supported by three braces with
Cross ties and Stakes. Signal pole has a white flag
about a cubit long. Top of pole is 16 feet above
High water mark. The usual notice of Warning was
tacked to the pole.

For sketch of locality see Page 16

Duplicate,
Department of Commerce and Labor

Occoquan River T₄

"Point" Topog Signal East-Shore, Occoquan River T₄
Fairfax County, September 23^d 1904

This signal is located on "Wagoner's" Point, at a boat-landing where the River makes a sharp turn to the Northward and is the first signal up river from Edge signal on the Fairfax Shore. It is also on the edge of a corn field about 15 miles from the Junction. A Locust-Stake about 4 feet long and about 3" in diameter was driven in to the ground about 18" in. This stake has a nail in its top which marks Center of Station. A Pine pole 2" x 3" x 16 feet long was nailed to this stake and supported by three braces and cross ties and knots. This pole has two white burlap bags on it. The usual notice of Warning was tacked to the pole. Top of Pole is 19 feet above Water Mark.
For Sketch of Locality see page 16

Duplicate.

Department of Commerce and Labor

Occoquan River V4

"Quick" Topog" Signal South Shore Occoquan River,
Prince William County, September 23, 1904

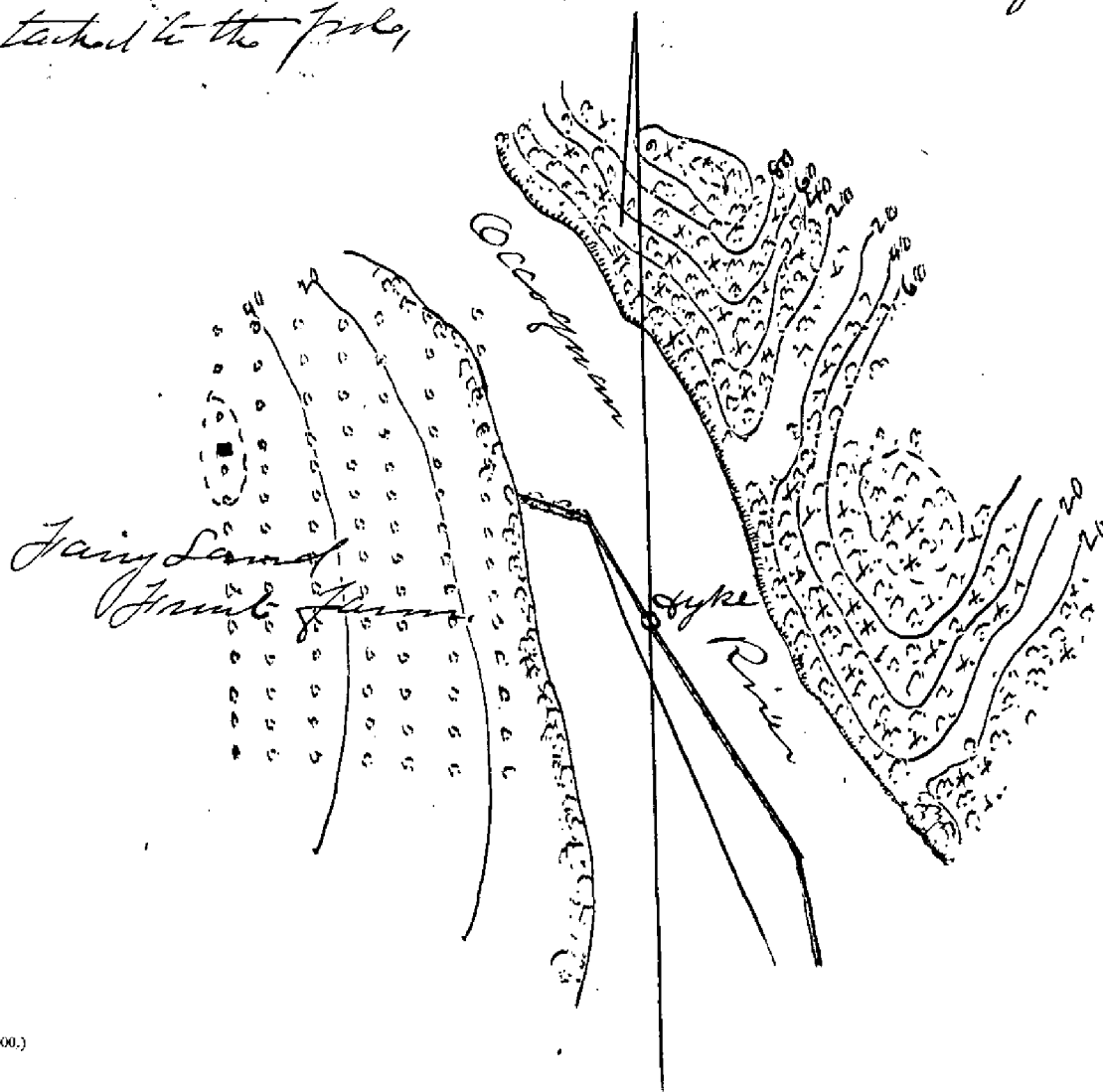
This signal is located on a small patch of land (somewhat the nature of quick sand) at high water mark, at the foot of a small bluff. A Pine Stake $2 \times 3 \times 7$ feet long was driven into the sand about 4 feet and has a nail driven in to its top which marks the center of station. A Pine pole $2 \times 3 \times 16$ feet long is nailed to this stake and is supported by 3 braces with cross ties and struts. Pole has a white orange on its top. The usual notice of warning was tacked to the struts. Top of pole is 16 feet above high water mark.

For sketch of locality see Page 16,

Duplicate,
Department of Commerce and Labor

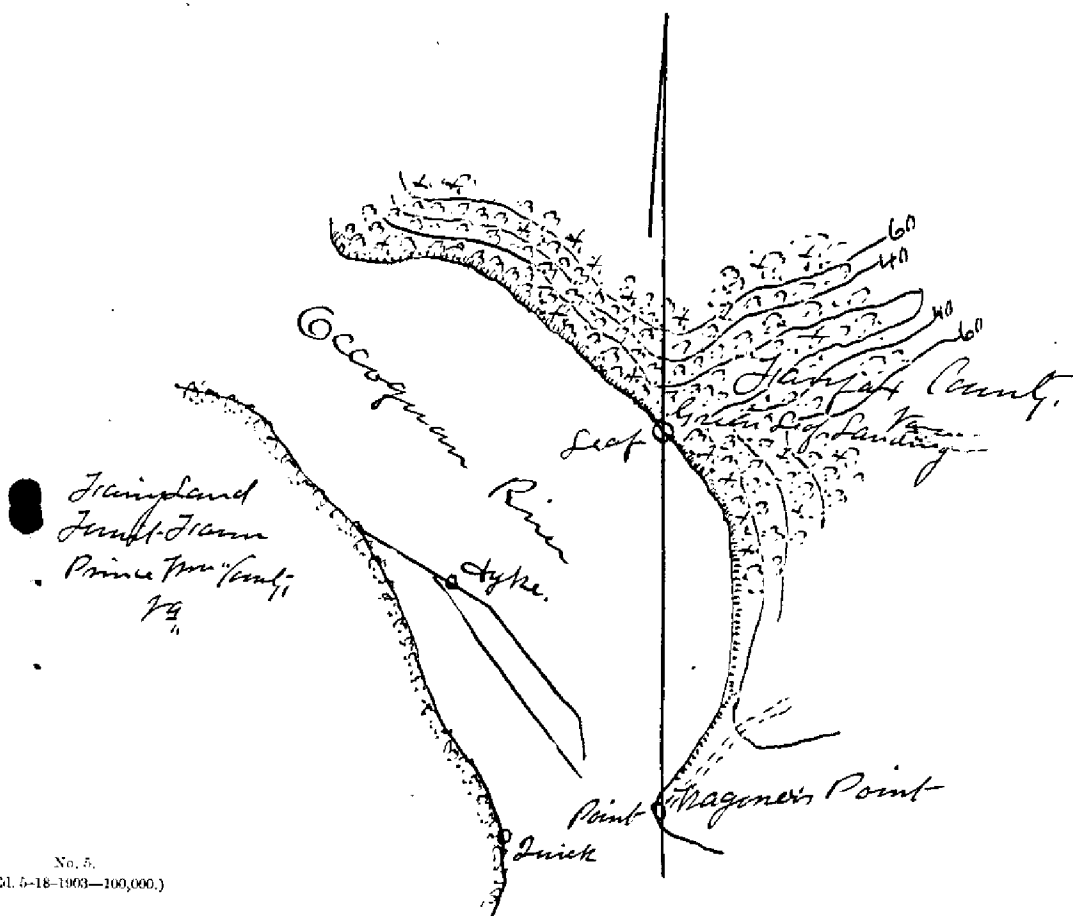
"Tyke, Topy" Signal. South Shore Occoquan River,
Prince William County, Va. Sept. 24th 1904

This signal is located on the up River end of the
2nd Training Wall below the old town of Occoquan
it was erected over an old surveyor's stake, which
probably marks the station used by the U.S. Engineers
when the Stone Jetty was constructed. Signal is
comprised of a pole 8 feet long 2" x 3" with a white
Lounge, let into the rock wall that forms
the Training wall to a depth of 2 feet; Top of Signal
is 9 feet above H.W. Mark. The usual notice of being
was tacked to the pole.



Leaf "Topog" signed
Department of Commerce and Labor
Occoquan River V 4
North Shore of the Occoquan River, Fairfax County, V 4
September 24th 1904

This signal is located at High Water Mark. at "Green Leaf" boat Landing. Opposite Lyke Topog" Lig =
nal. A White Oak Stub about $4\frac{1}{2}$ feet long
& 4" in diameter was driven in to the ground
about $1\frac{1}{2}$ feet. Stub has a nail in its top which
marks Center of Station, a Pine Pole 8 feet long
 2×3 with a white Surge was nailed to this
Stub. The usual notice of Hanning was tacked
to the Stub. Top of Signal pole is 8 feet above H. Water
Mark.



Tropicote,

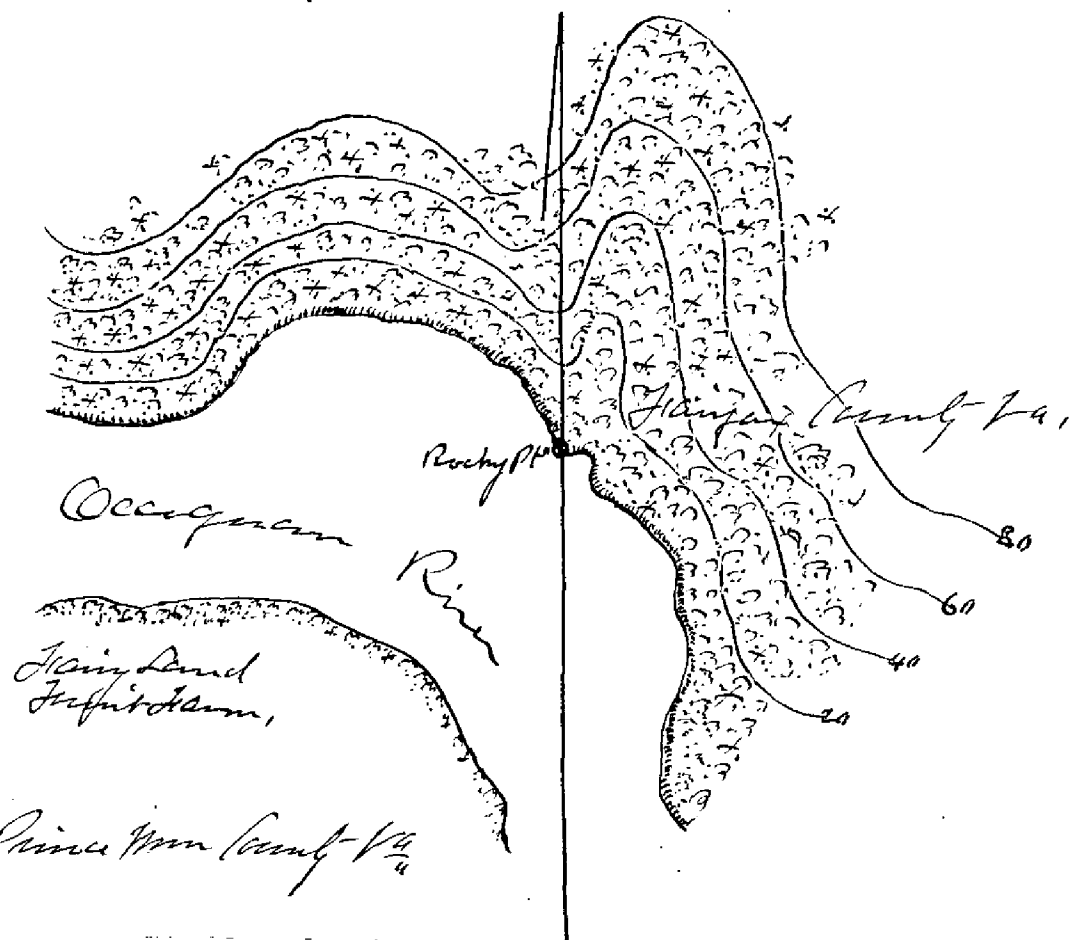
Department of Commerce and Labor

Ocoquan River Va.

"Rocky Point" Topog. Signal, Frazier County Va.

September 24th 1904.

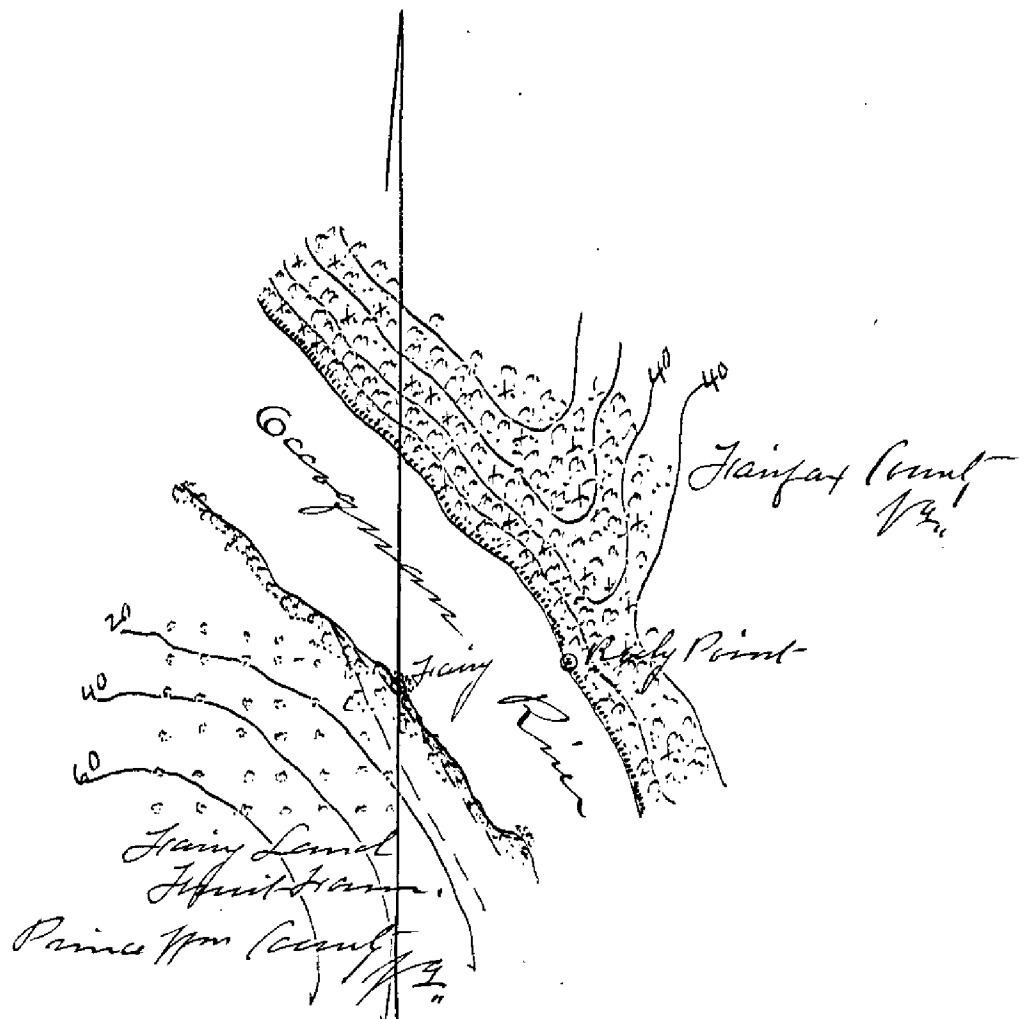
This signal is located on the North Shore of Ocoquan River at a Rocky Point on a bluff about ten feet above H. M. mark, a Red Oak Stake 3 1/2 feet long 5 in diameter was driven in to the ground about one foot. This stake has a nail in its top which marks the center of station. A Pine Pole, 8 feet long 2 x 3 + 8 feet long with a white Surge on its top, was nailed to this post. The usual notice of warning was tacked to the post. Top of signal pole is 8 feet above the ground.



Prince William County Va.

Surflicist,
Department of Commerce and Labor
Occoquan River T⁴

"Fairy" Topog Signal. Prince Wm County, Sept^r 24th 1904
This signal is located on the Western Shore of Occoquan River at a Honey Point; it is the second Honey Point up river from the Fairy Land Farm & Farm landing. Station is between high and low water mark. A stick made from a Lycamore post, 4 feet long 4 in diameter with nail in its top, was driven into the mud about 2 feet to this was nailed a pine pole 8 feet long 2" x 3", with a white flag. The usual notice of warning was tacked to the pole. Top of pole is 7 feet above H. Water mark.

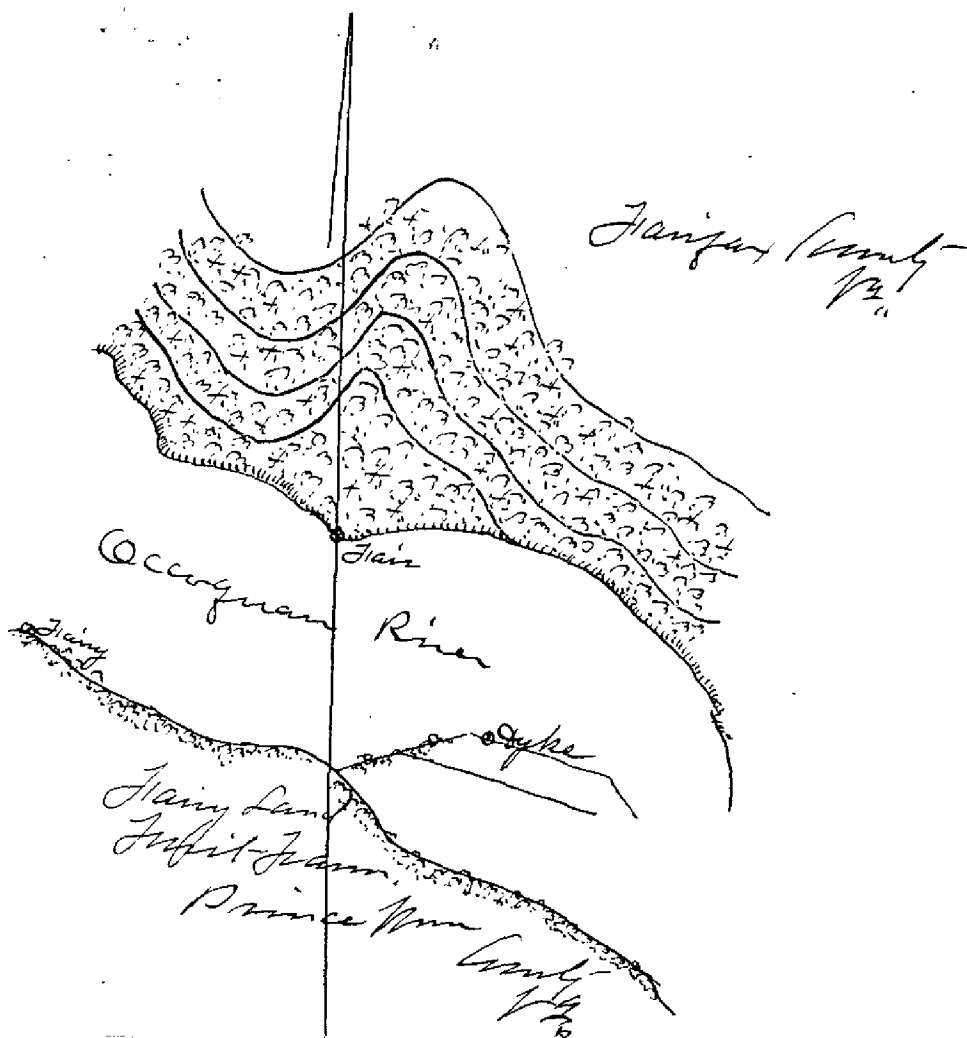


Synthetic
Department of Commerce and Labor

Occoquan River T₄

"Fair" Topping Signal Fairfax County, T₄, Septemb. 24, 1904

This signal is located on the North shore of Occoquan River at an old abandoned boat landing, just inside of High Water Mark, a Birch Wood Stub 4 feet long x 4 in diameter is driven into the ground 2 1/2 feet and has a nail in its top which marks the center of station. On to this stake is nailed a pine pole 8 feet long 2 x 3 with a white orange on its top. The usual notice of warning was tacked to the pole. Top of Pole is 9 feet above H. W. Mark.

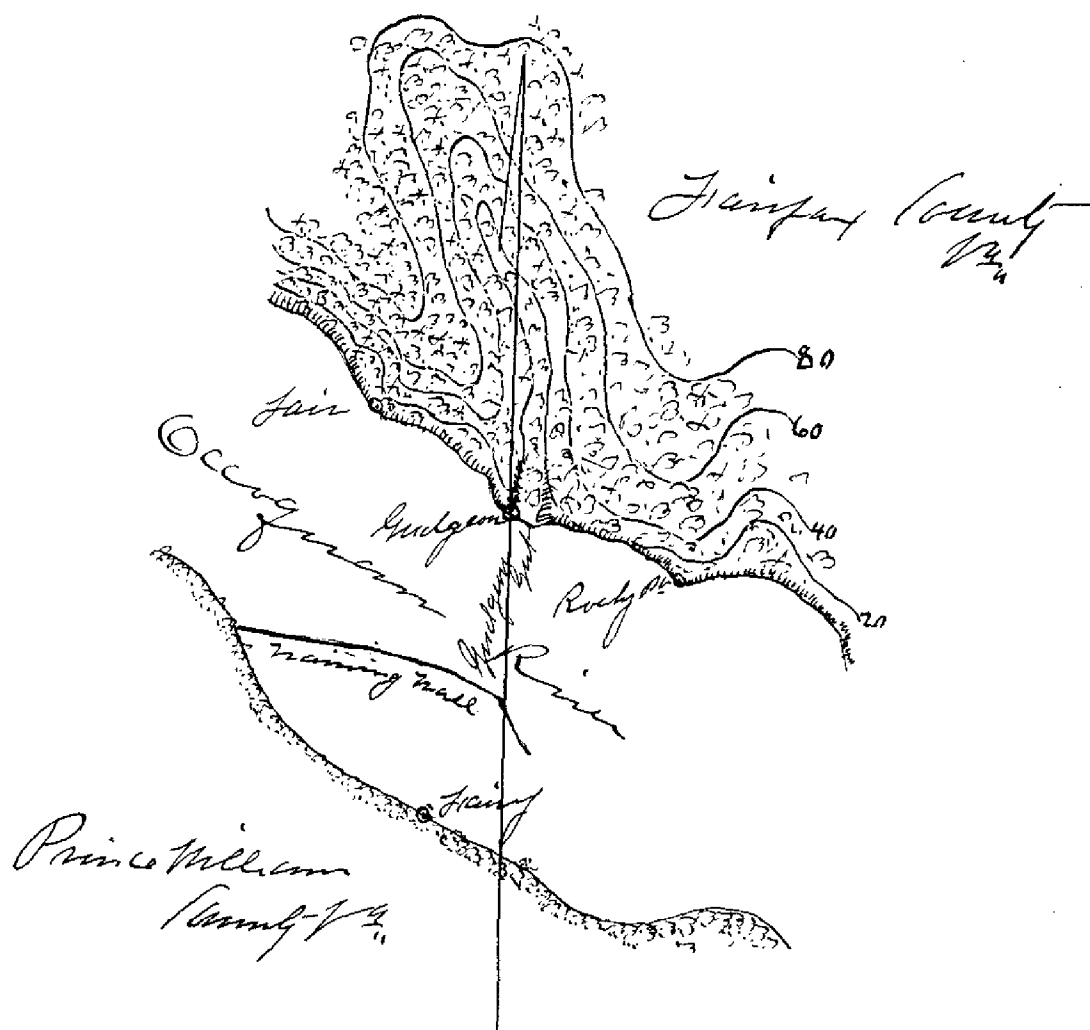


Duplicate,
Department of Commerce and Labor

Oceoguan River,

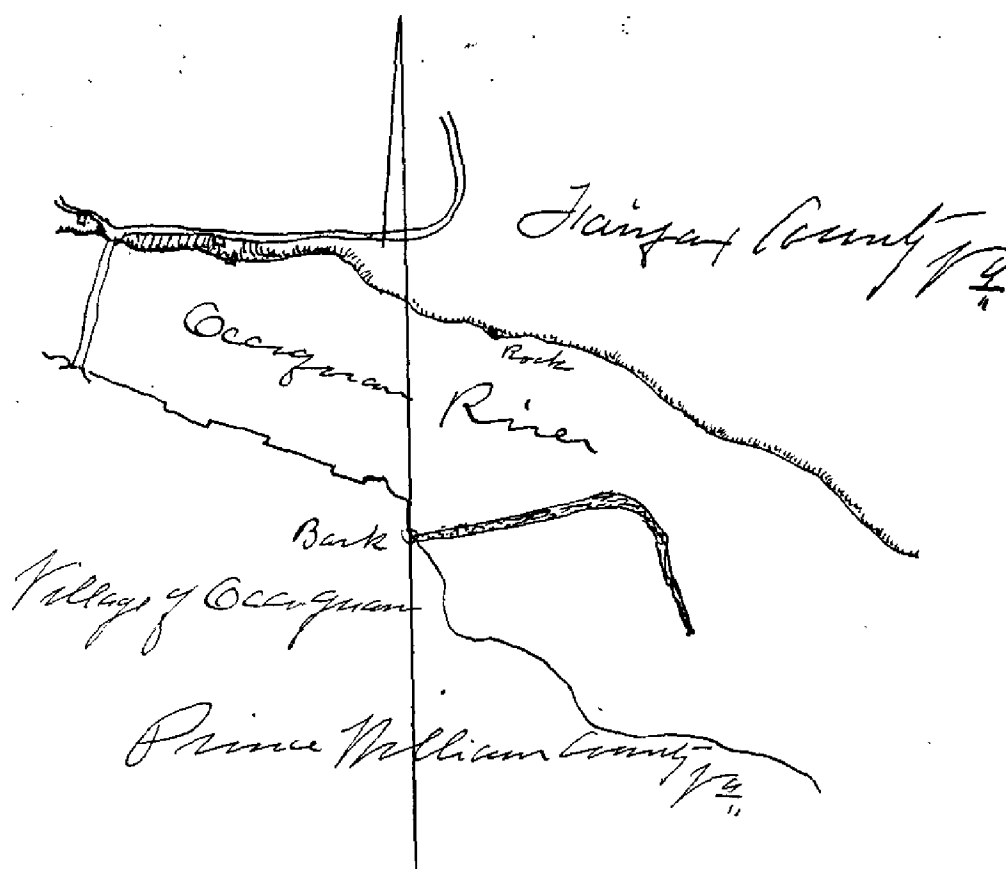
"Gudgerri", Topog. Signal, Fairfax County Va., September 24, 1904

This signal is located on the North Shore of Oceoguan River at the foot of a steep rocky bluff near the entrance to what is known as "Gudgerri Gut." A Black Stick $2\frac{1}{2}$ feet long $2\frac{1}{2}$ inch diameter was driven between the rocks. This stick has a nail in its top that marks the center of station. A Pine pole $2 \times 3 \times 8$ feet long with a white surcege was nailed to this stick. The usual notice of warning was tacked to the pole. Top of Pole is 8 feet above the ground.



Application,
Department of Commerce and Labor
Occoquan River T₄

"Bark" Tug "Signal". Prince Wm. County Va Sept. 24, 1904
This signal is located on the South Shore of Occoquan River, at the in-shore end of the first training wall, in front of the town of Occoquan T₄ first South end of a wharf covered with blue bark where they have been picking piles. A white oak stub 4" diameter 4 feet long was driven in to a pile in the rocks on the training wall. This stub has a nail in its top that marks the center of station. A pine pile 2" x 3" x 8 feet long with a white lantern on its top is nailed to this stub. The usual notice of warning was attached to the pile. Rocks were piled around the foot of signal pile.



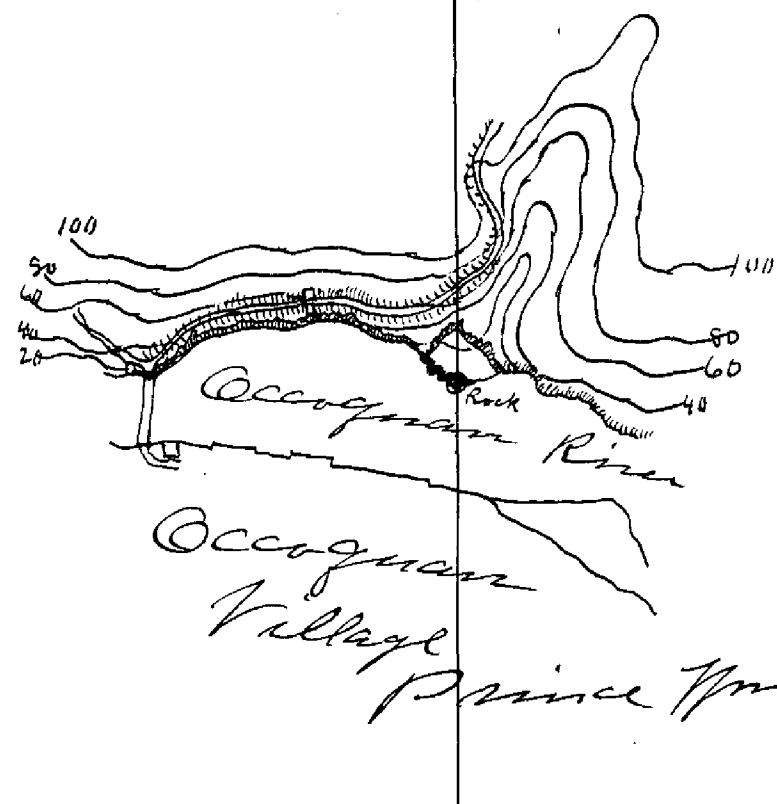
Duplicate,
Department of Commerce and Labor

Oceoguan River T₄

"Rock" Topog Signal. Fairfax County T₄ Sept 24, 1904

This signal is located on the North Shore of Oceoguan River on a prominent Rock about 200 yards down river from the Stone Crusher, and at the old ferry wharf that is now used as a land landing. A Birch board that was driven about six inches into the soil on top of this rock, to this was nailed a Pine Pole 8 feet long 2" x 3" with white flagging, supported by four brass cross ties and plates, there was a nail in its top that marks center of station. The usual notice of warning was tacked to the pole.

Fairfax County T₄



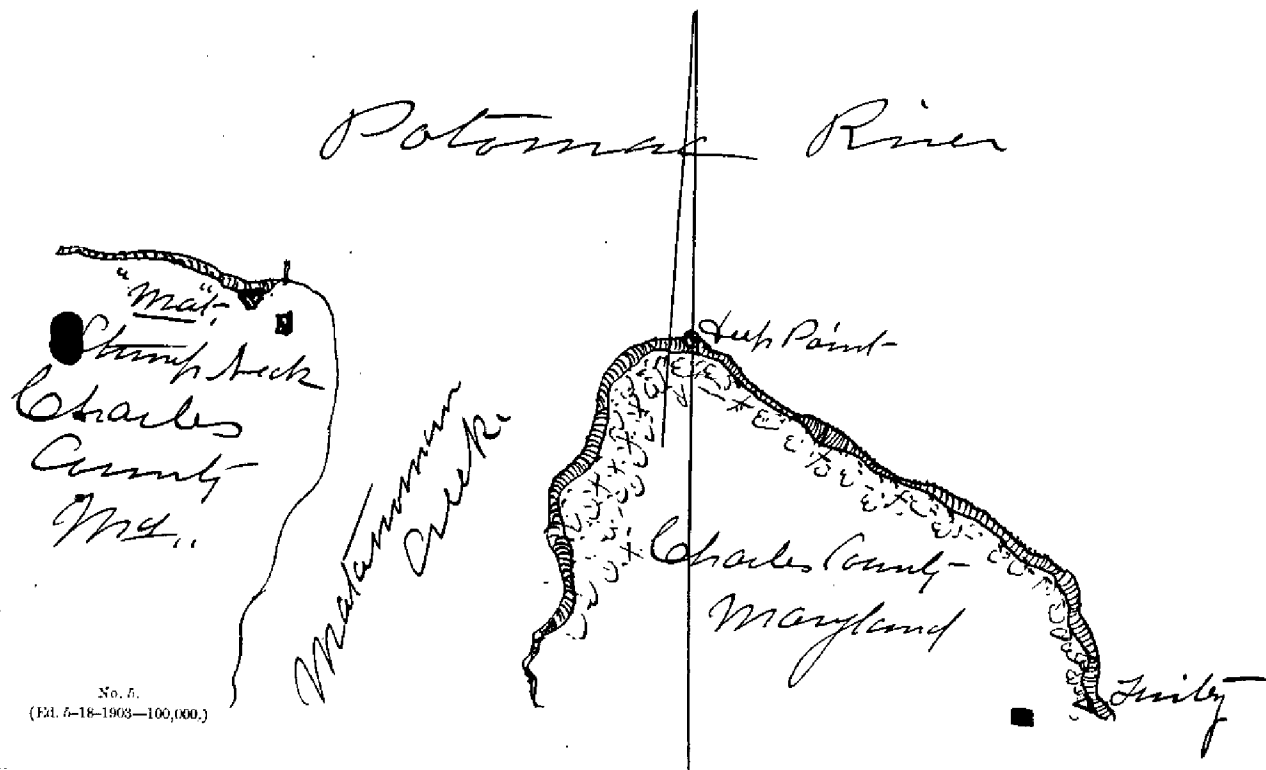
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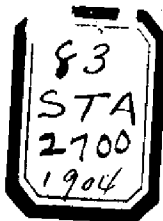
Department of Commerce and Labor

Potomac River,

"Deep Point" Ferry Signal, Charles County Maryland, September 7th 1904

This signal is located at High Water Mark on the Maryland Shore of the Potomac River. at what is known as Deep Point, at the Entrance to Matamorran Creek. This signal was originally selected by the officers at Indian Head Passing Light, who used it in their gun testing operations. It was comprised of a Locust tree about 6" diameter at base and about 25 feet high. with a bushy top, and red hunting flags. Mr. Ferry trimmed the top up, and placed two white buoys on the tree, and the usual notice of lighting, and determined it by P. T. triangulation,





Department of Commerce and Labor

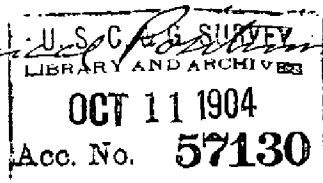
OCT 11 1904

Acc. No.

Coast and Geodetic Survey,

C. H. Littmann Superintendent,

Approximate Geographic Position
Determined
By.



Plane Table Trigonulation,
and

Scalad from Original. P.T. Sheet
Scale 1/20,000

Maryland Shore of Potomac River,
and

Occoquan Bay and River
and

Belmont Bay Virginia
1904

Surveyed by

Victor H. Horney

Asst. C. H. Survey,

Department of Commerce and Labor

Approximate Geographical Position Scale from
Original Plane Table Chart. Scale 1:20,000. Topographic Features.
Chimneys, Gables, Spire, etc. Occoquan Bay
and River and Belmont Bay. V^a determined by P.
J. Tricungulation 1904.

Stations	Longitude	Meters	Latitude	Meters
Maryland Shore				
Deep Point Signal ✓	77.12	786	38.34	478 ✓
Up River Gable New House ✓	77.11	760	38.35	30 ✓
Gable Small House 2nd Bay ✓	77.11	509	38.35	757 ✓
Black Spar Bury ✓	77.12	258	38.35	1026 ✓
" " " ✓	77.13	420	38.34	853 ✓
" " " ✓	77.14	86	38.33	1364 ✓
Virginia Shore				
North Point	77.15	541	38.36	292 ✓
Gable House Top of Hill ✓	77.15	472	38.36	1249 ✓
Keapsier Signal ✓	77.14	1339	38.36	619 ✓
Quarry " ✓	77.14	1099	38.38	819 ✓
Deep " ✓	77.13	1018	38.38	496 ✓
Jaylors Point " ✓	77.13	684	38.38	1327 ✓
West Gable Barn ✓	77.14	88	38.39	51 ✓
Red Flag (1) ✓	77.13	461	38.38	1481 ✓
" (2) ✓	77.13	365	38.38	1229 ✓
" (3) ✓	77.13	245	38.38	909 ✓
Belmont Bay				
Bluff Signal ✓	77.12	1066	38.39	727 ✓

Department of Commerce and Labor

Station	Longitude	Metres	Latitude	Metres
Creek. Signal ✓	77.11	952	38.39	243 ✓
Bel " ✓	77.11	1346	38.38	1333 ✓
Sandy Point " ✓	77.12	1418	38.38	457 ✓
Occoquan Bay				
White flag on Dead Head ✓	77.13	275	38.38	263 ✓
" " " Trap, ✓	77.13	000	38.37	1489 ✓
Up Creek Corner Club House Wharf ✓	77.13	1233	38.37	1705 ✓
Top of Water Tank Club House ✓	77.12	1096	38.37	1776
Occoquan River				
Bend, Signal, ✓	77.13	1019	38.39	290 ✓
Occo, " ✓	77.14	52	38.39	740 ✓
Main road. Johnson Truck, ✓	77.14	156	38.39	980 ✓
Woodbridge. Signal ✓	77.14	634	38.39	1791 ✓
Bridge " ✓	77.14	612	38.40	178 ✓
Stretch " ✓	77.14	92	38.39	1491 ✓
Markt " ✓	77.13	1243	38.39	1270 ✓
Branch " ✓	77.13	707	38.39	847 ✓
River Gable. Small barn ✓	77.15	564	38.38	1560 ✓
Spire of Woodbridge Church	77.15	90	38.39	930 ✓
River Gable Red barn	77.14	989	38.39	1303 ✓
Creek Chimney White House. Woodbridge	77.14	808	38.39	1742 ✓
South Gable New House Calcuttina	77.14	155	38.40	280 ✓
South Gable Old Barn ✓	77.12	1192	38.39	1170 ✓

Department of Commerce and Labor

Station	Longitude	Metes	Latitude	Metes
Dynamometer Signal	77.14	1082	38.40	538 ^v
Chestnut ^v "	77.14	1230	38.40	639 ^v
Gulch ^v "	77.14	848	38.40	553 ^v
Landing ^v "	77.14	1034	38.40	674 ^v
Edge ^v "	77.14	1228	38.40	744 ^v
Quick ^v "	77.15	181	38.40	828 ^v
Point ^v "	77.15	56	38.40	900 ^v
Dyke ^v "	77.15	292	38.40	1291 ^v
Leaf ^v "	77.15	164	38.40	1380 ^v
Rocky Point ^v "	77.15	378	38.40	1630 ^v
Hairy ^v "	77.15	558	38.40	1610 ^v
Grass ^v "	77.15	535	38.40	1842 ^v
Bark ^v "	77.15	796	38.41	8 ^v
Fair ^v "	77.15	735	38.41	110 ^v
Rock ^v "	77.15	834	38.41	154 ^v
Janney's ^{synth. Main building} Chimney	77.15	1024	38.41	110 ^v
Red ^v "	77.15	1156	38.40	1470 ^v
Barn Ventilator	77.15	755	38.40	1463 ^v
Creek Gate Landing ^v	77.15	566	38.40	1303 ^v
Tell. Telegraph Pole, Occoquan End of Bridge	77.15	983	38.40	140 ^v
Point Chimney	77.15	1024	38.40	292 ^v
Telegraph Pole, Harper's Bridge	77.14	580	38.40	196 ^v
60 Topographic points determined.				

William Janney

Ant. C. H. Janney Oct 8th 1904